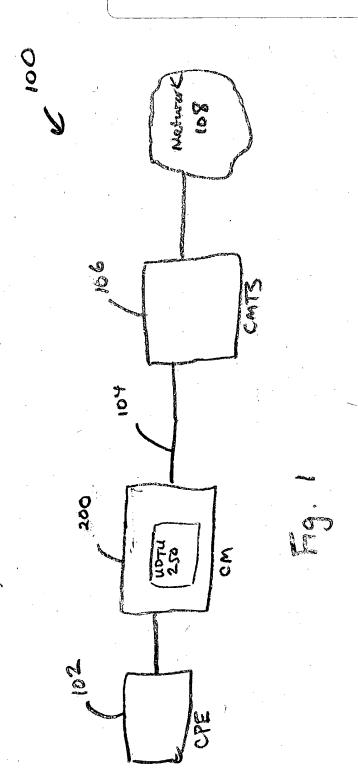
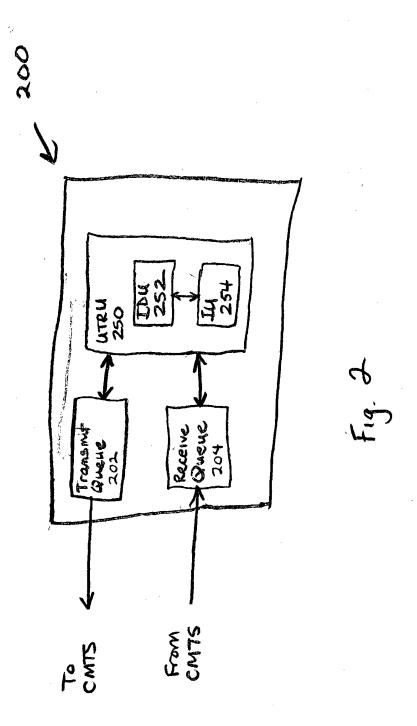
Blakely, Sokoloff, Taylor & Zafman LLP (503) 684-6200
Title: METHOD AND APPARATUS FOR IMPROVING THE UPSTREAM
DATA TRANSFER RATE FOR A CABLE MODEM
1st Named Inventor: Kevin J. Murphy
Express Mail No.: EV325526436US Docket No.: 42P16523
Sheet: 1 of 5



Blakely, Sokoloff, Taylor & Zafman LLP (503) 684-6200
Title: METHOD AND APPARATUS FOR IMPROVING THE UPSTREAM
DATA TRANSFER RATE FOR A CABLE MODEM

1st Named Inventor: Kevin J. Murphy Express Mail No.: EV325526436US Sheet: 2 of 5

Docket No.: 42P16523



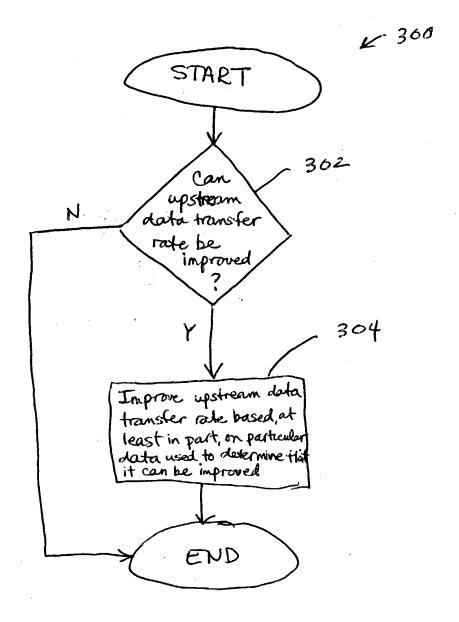


Fig. 3

Blakely, Sokoloff, Taylor & Zafman LLP (503) 684-6200
Title: METHOD APPARATUS FOR IMPROVING THE UPSTREAM
DATA TRANSFER RATE FOR A CABLE MODEM

1st Named Inventor: Kevin J. Murphy Express Mail No.: EV325526436US

Sheet: 3 of 5

Docket No.: 42P16523

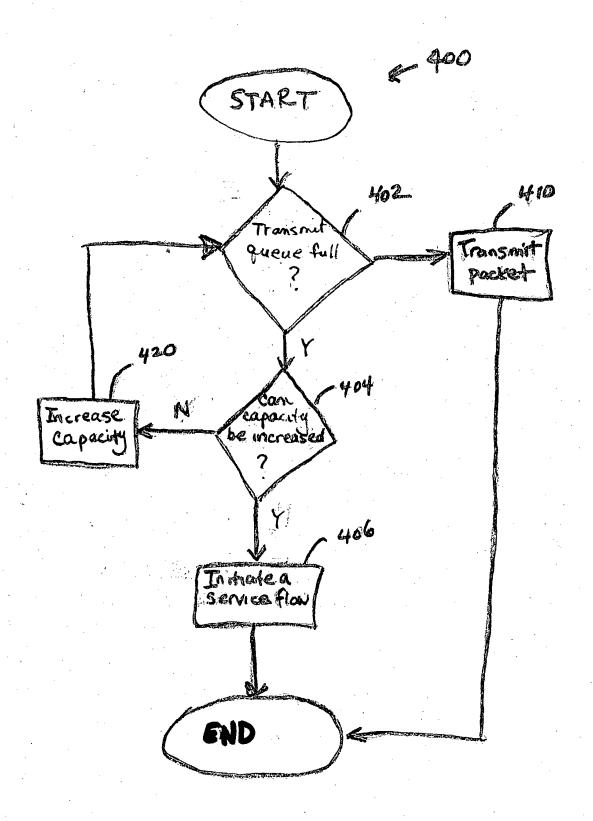


Fig 4

Blakely, Sokoloff, Taylor & Zafman LLP (503) 684-6200 Title: METHOD AND APPARATUS FOR IMPROVING THE UPSTREAM DATA TRANSFER RATE FOR A CABLE MODEM

1st Named Inventor: Kevin J. Murphy Express Mail No.: EV325526436US

Sheet: 4 of 5

EV325526436US Docket No.: 42P16523

3lakely, Sokoloff, Taylor & Zafman LLP (503) 684-6200 Title: METHOD AND APPARATUS FOR IMPROVING THE UPSTREAM DATA TRANSFER RATE FOR A CABLE MODEM ist Named Inventor: Kevin J. Murphy Express Mail No.: EV325526436US Docket No.: 42P16523 500 Sheet: 5 of 5 START 502 PERCHIPE LICE mesage 504 Colculate bardenath expanty 506 Receive MAP message 508 Determine free time on Channel Calculate total 510 available bandwith 512 bandwidth available on Switch to different Channel channel A.D

Fig. 5

END